

ComancheZOOM for Thursday, June 26, 2025

Topic: Short Field Techniques – Part 2

reading and using Performance Charts

This is Part 2 on this topic to go over specific performance charts detailing takeoff and landing distances for various aircraft loadings and density altitudes.

George Richmond offers some practical descriptions of aircraft performance and handling under various takeoff and landing situations requiring maximum performance.

David Schober dives into the Performance Charts as found in your aircraft's POH.

- What is your takeoff distance at maximum power setting?
- How is this affected by the density altitude?
- What surface conditions are you having to deal with?
- Are there obstacles involved?
- What are your Vx and Vy speeds, and can you fly them?
- What is your Plan B? Do you even have one?

Both David and George go into details to point out the value of using and understanding your performance charts.

In short-field ops, knowing your limits could save your life

Be sure to check the Chat file for links to material from the presentation.

Pete

To see/hear the recordings click on a link below:

- <http://meetings.northeastcomanche.org/zoom/2025-06-26/video.mp4>
- <http://meetings.northeastcomanche.org/zoom/2025-06-26/audio.mp4>

The Chat files contain many helpful comments. To read them click on these links:

- <http://meetings.northeastcomanche.org/zoom/2025-06-26/chat.txt>

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